

*A. Damerice*  
*#8*  
*8.21.02*

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PTO/SB/81 (02-01)

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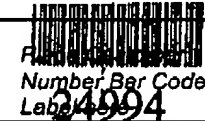
## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/887220
Filing Date	6/22/2001
First Named Inventor	BOSCH, et al
Group Art Unit	1743
Examiner Name	Not yet assigned
Attorney Docket Number	N0050-PUS01 (former 7847-82986)

I hereby appoint:

☒ Practitioners at Customer Number 24994

☐ Practitioner(s) named below:



PATENT TRADEMARK OFFICE

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Individual Name

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Address

City

State

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Country

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I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

### SIGNATURE of Applicant or Assignee of Record

Name Edna M. O'Connor

Signature *Edna M. O'Connor*

Date 8/13/2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

☐ \*Total of   forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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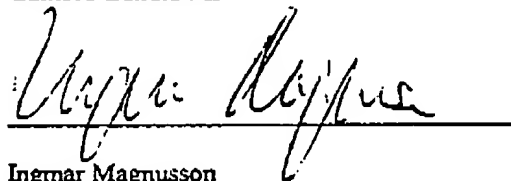
**POWER OF ATTORNEY**

The undersigned hereby authorize Edna O'Connor, Esq., or any person appointed by her, to plead our cause and to exercise our rights in all matters concerning patents, trade marks, copyrights and design registrations, and also to withdraw applications, and to file oppositions on our behalf, against published patent, trade mark and design applications, and we approve the legal actions taken by the attorney.

Signed in Lund, Sweden

this 20<sup>th</sup> day of September 2001

Gambro Lundia AB



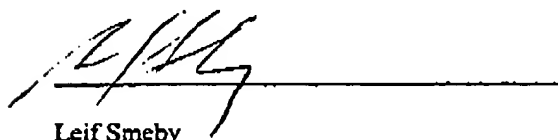
Ingmar Magnusson

General Counsel

Signed in Lund, Sweden

this 20<sup>th</sup> day of Sept. 2001

Gambro Lundia AB



Leif Smeby

Senior Vice President

PTO/SB/96 (2-98)  
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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant: Juan P. Bosch and Maria Alquist HegbrantApplication No.: 09/887220Filed: 06/22/2001Entitled: Process for Providing Dialysis and Other TreatmentsGambro Lundia AB, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012172, Frame 0789, or for which a copy thereof is attached.  
0523

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

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- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

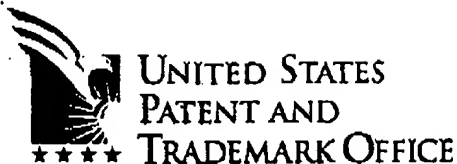
8/13/2002  
Date

Edna M. O'Connor  
Signature

Edna M. O'Connor  
Typed or printed name

Assistant Secretary  
Title

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RECORDATION DATE: 09/17/2001

REEL/FRAME: 012172/0523  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

## ASSIGNOR:

HEGBRANT, MARIA ALQUIST

DOC DATE: 08/07/2001

## ASSIGNEE:

GAMBRO LUNDIA AB  
MAGISTRATSVAGEN 16, PO BOX 10101  
LUND, SWEDEN SE-220 10

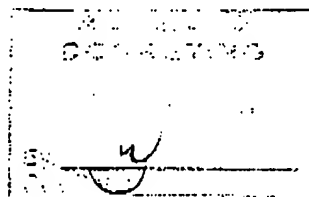
SERIAL NUMBER: 09887220

FILING DATE: 06/22/2001

PATENT NUMBER:

ISSUE DATE:

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
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09-21-2001

Docket No. 7847-82986 (N0050-PU)

FORM PTO-1595

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Tab settings 333

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## 1. Name of conveying party(ies):

Maria Alquist HEGBRANT M.D.

Additional name(s) of conveying party(ies) attached?

☐ yes ☒ no

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: August 7, 2001

## 2. Name and address of receiving party(ies):

Name: Gambro Lundia AB

Internal Address:

Street Address: Magistratsvagen 16, PO Box 10101

City: Lund

State/Prov.:

Country: SWEDEN

ZIP: SE-220 10

Additional name(s) & address(es) attached?  
☐ yes ☒ no

## 4. Application number(s) or patent number(s):

If this documents is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

Filing Date

B. Patent No.(s)

09/887,220

6/22/01

Additional numbers attached: ☐ yes ☒ no

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas W. Tolpin  
Internal Address: Welsh & Katz, Ltd.  
22nd Floor  
Street Address: 120 S. Riverside Plaza  
City: Chicago State: IL ZIP 80606

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

☒ Enclosed☒ Any deficiencies in fees to be charged to deposit account

8. Deposit account number: 23-0920 (Attach duplicate copy of this page if pay by deposit account)

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## 9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas W. Tolpin, Reg. No. 27,600  
Name of Person Signing

Signature

September 17, 2001  
Date

Total number of pages comprising cover sheet: 1

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# Assignment

Applicant or Patentee: Maria Alquist HEGBRANT M.D.  
Serial or Patent No.: 09/887,220  
Filed or Issued: June 22, 2001  
For: PROCESS FOR PROVIDING DIALYSIS AND OTHER TREATMENTS  
Attorney Docket No. 7847-82988 (NQ050-PU)

In Consideration of Ten Dollars and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention and improvements of the undersigned in a

## PROCESS FOR PROVIDING DIALYSIS AND OTHER TREATMENTS

and in the U.S. Patent and U.S. Patent Application therefor, executed by the undersigned herewith and in any reissue, continuation, or divisional U.S. Patent that may be granted upon said U.S. Patent Application are hereby assigned by the undersigned to

Gambro Lundia AB  
and the heirs, successors, legal representative and assigns thereof (hereinafter collectively referred to as the Assignee).

For said considerations it is hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assignee, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, in all Letters Patent which may issue from said applications in the United States and countries foreign thereto, and (d) to all divisions, rescues, continuations and extensions of said applications and Letters Patents; and covenant I have the full right so to do; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to said Assignee of the entire interest.

I further agree that I shall communicate to said Assignee, its successor and assigns, or their representative or agents all facts and information known or available to us respecting said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by said Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, divisional, continuation and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States and countries foreign thereto.

In testimony whereof, I have hereunto set my hand and seal, respectively, on the set after my respective signature.

Name of assignor and inventor

Maria Alquist HEGBRANT M.D.

Signature of assignor and inventor

Maria Alquist Hegbrant (Seal)



NOVEMBER 21, 2001

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RECORDATION DATE: 09/17/2001

REEL/FRAME: 012172/0789  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
BOSCH, JUAN P.

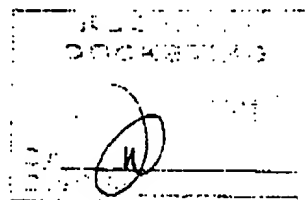
DOC DATE: 07/16/2001

ASSIGNEE:  
GAMBRO LUNDIA AB  
MAGISTRATSVAGEN 16  
PO BOX 10101  
LUND, SWEDEN SE-220 10

SERIAL NUMBER: 09887220  
PATENT NUMBER:

FILING DATE: 06/22/2001  
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
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Docket No. 7847-82988 (N0050-PU)

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3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: July 16, 2001			
4. Application number(s) or patent number(s): If this documents is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) Filing Date B. Patent No.(s) 09/887,220 6/22/01 Additional numbers attached: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Thomas W. Tolpin Internal Address: Walsh & Katz, Ltd. 22nd Floor Street Address: 120 S. Riverside Plaza City: Chicago State: IL ZIP 60606		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)..... \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Any deficiencies in fees to be charged to deposit account 8. Deposit account number: 23-0920 (Attach duplicate copy of this page if pay by deposit account)	
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09/20/2001 TIAZ1 00000075 09887220  
01 FC:581



# Assignment

Applicant or Patentee: Juan P. BOSCH M.D.  
Serial or Patent No.: 097887, 220  
Filed or Issued: June 22, 2001  
For: PROCESS FOR PROVIDING DIALYSIS AND OTHER TREATMENTS  
Attorney Docket No. 7847-82986 (N0050-PU)

**In Consideration** of Ten Dollars and other good and valuable considerations, the receipt of which is hereby acknowledged, the entire right, title and interest in the invention and improvements of the undersigned in a

**PROCESS FOR PROVIDING DIALYSIS AND OTHER TREATMENTS**

and in the U.S. Patent and U.S. Patent Application therefor, executed by the undersigned herewith and in any reissue, continuation, or divisional U.S. Patent that may be granted upon said U.S. Patent Application are hereby assigned by the undersigned to

**Gambro Lundia AB**

and the heirs, successors, legal representative and assigns thereof (hereinafter collectively referred to as the Assignee).

**For said considerations** It is hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assignee, its successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, in all Letters Patent which may issue from said applications in the United States and countries foreign thereto, and (d) to all divisions, reissues, continuations and extensions of said applications and Letters Patents; and covenant I have the full right so to do; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to said Assignee of the entire interest.

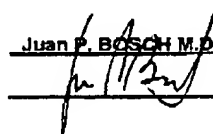
I further agree that I shall communicate to said Assignee, its successor and assigns, or their representative or agents all facts and information known or available to us respecting said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension or infringement purposes or other legal, judicial or administrative proceedings, whenever requested; testify in person or by affidavit as required by said Assignee, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, divisional, continuation and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing proper protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States and countries foreign thereto.

In testimony whereof, I have hereunto set my hand and seal, respectively, on the set after my respective signature.

Name of assignor and inventor

Juan P. BOSCH M.D.

Signature of assignor and inventor

 (Seal)